

Converting Colors

$Y_{xy}(25.0122, 0.3613, 0.3995)$

Have a look what the booklet for
Yxy(25.0122, 0.3613, 0.3995)
contains.

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Color

Yxy(25.1679, 0.3614, 0.4004)

Conversions

Conversions Part 1

Format	Color
Hex	8F8B61
RGB	143, 139, 97
RGB Percent	56%, 55%, 38%
CMY	0.4393, 0.4549, 0.6196
CMYK	0.00, 0.03, 0.32, 0.44
HSL	55°, 19%, 47%
HSV	55°, 32%, 56%
XYZ	22.7165, 25.1679, 14.9725
YIQ	135.4080, 15.8660, -12.2140

Conversions

Conversions Part 2

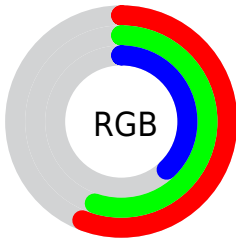
Format	Color
R_{YB}	101, 143, 97
Decimal	9407329
CIE _{Lab}	57.24, -5.39, 23.04
CIE _{LCh}	57, 23.665, 103.169
Yxy	25.1679, 0.3614, 0.4004
Android (android.graphics.Color)	4287597409 (0xFF8F8B61)
YUV	135.4080, -18.9351, 6.6582
Hunter-Lab	50.1676, -6.9665, 17.4222

Details

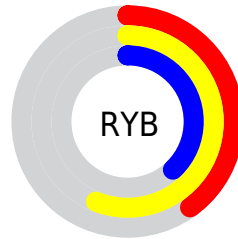
The Yxy color $25.1679, 0.3614, 0.4004$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $13.8303, 0.2585, 0.2459$, and the grayscale version is $24.4556, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.7077, 0.3512, 0.3846$, and $9.6504, 0.3781, 0.4262$ is the 20% darker color. If you saturate the color by 10%, you get $24.5696, 0.3767, 0.4221$, and if you desaturate by 10%, it is $25.8207, 0.3458, 0.3780$.

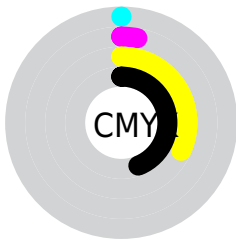
Distribution



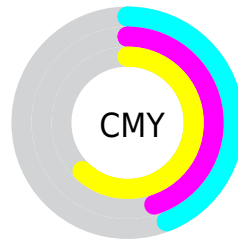
- Red (56%)
- Green (55%)
- Blue (38%)



- Red (40%)
- Yellow (56%)
- Blue (38%)



- Cyan (0%)
- Magenta (3%)
- Yellow (32%)
- Black (44%)





- Cyan (44%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1679, 0.3614, 0.4004 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 25.1679, 0.3614, 0.4004 by changing the saturation by 10% instead.


 25.1679, 0.3614,
0.4004


 25.1679, 0.3614,
0.4004

278.6731, 0.3351,
0.3608

 16.2022, 0.3685,
0.4116


 51.9295, 0.3514,
0.3850


 9.6673, 0.3778,
0.4269


 70.4941, 0.3478,
0.3796

 5.1790, 0.3904,
0.4485

 93.0272, 0.3448,
0.3750

 2.3526, 0.4141,
0.4888

 119.9131, 0.3422,
0.3713

 0.8014, 0.4402,
0.5598

151.5363, 0.3401,
0.3681

 0.0000, 0.0000,
0.0000

188.2811, 0.3382,

0.3653

230.5319, 0.3366,
0.3629

■ 25.1679, 0.3614,
0.4004

■ 25.1679, 0.3614,
0.4004

■ 24.5696, 0.3767,
0.4221

■ 25.8207, 0.3458,
0.3780

■ 24.0196, 0.3913,
0.4421

■ 26.5268, 0.3305,
0.3555

■ 23.5164, 0.4045,
0.4596

■ 27.2898, 0.3158,
0.3336

■ 23.0567, 0.4158,
0.4737

■ 28.1116, 0.3019,
0.3127

■ 22.6370, 0.4248,
0.4839

■ 28.9944, 0.2889,
0.2930

■ 22.2530, 0.4311,
0.4899

■ 29.9399, 0.2770,
0.2746

■ 21.9672, 0.4350,
0.4928

■ 30.9501, 0.2661,
0.2578

■ 32.0266, 0.2562,
0.2423

■ 33.1711, 0.2473,
0.2282

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



25.1679, 0.3876, 0.3823



25.1679, 0.3614, 0.4004



25.1679, 0.3231, 0.3981

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.1679, 0.3614, 0.4004



25.1679, 0.2385, 0.2970



25.1679, 0.3396, 0.2902

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



25.1679, 0.3614, 0.4004



13.8303, 0.2585, 0.2459

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



25.1679, 0.2982, 0.2700



25.1679, 0.3614, 0.4004



25.1679, 0.2421, 0.2720

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.1679, 0.3614, 0.4004



25.1679, 0.2531, 0.3343



25.1679, 0.2631, 0.2631



25.1679, 0.3752, 0.3196

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.1679, 0.3614, 0.4004



25.1679, 0.2962, 0.3835



25.1679, 0.2631, 0.2631



25.1679, 0.3257, 0.2822

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



25.1690, 0.3614, 0.4004



47.7732, 0.3276, 0.3512



15.3416, 0.3761, 0.3209



10.9171, 0.3295, 0.3540



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.1690, 0.3614, 0.4004



44.2519, 0.3732, 0.4171



24.8335, 0.3383, 0.4122



6.2067, 0.3261, 0.3489



19.4426, 0.4349, 0.4929



0.2011, 0.4264, 0.4996

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



13.8303, 0.2585, 0.2459



20.4919, 0.2434, 0.2221



14.2065, 0.2800, 0.2432



5.3254, 0.2990, 0.3083



2.0091, 0.1522, 0.0678



0.0311, 0.1619, 0.1026

Previews

White Background



This preview shows how the Yxy color 25.1679, 0.3614, 0.4004 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 25.1679, 0.3614, 0.4004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

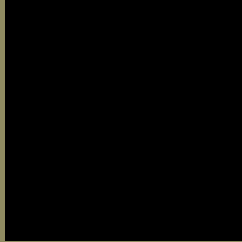
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.1679, 0.3614, 0.4004

Background



This preview shows how black text looks on a background with the Yxy color 25.1679, 0.3614, 0.4004.



This preview shows how white text looks on a background with the Yxy color 25.1679, 0.3614, 0.4004.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

25.1679, 0.3614, 0.4004

Protanopia

25.0317, 0.3695, 0.3975

Deuteranopia

25.1899, 0.3873, 0.3810



Tritanopia

25.1782, 0.3192, 0.3113

Trichromacy



Original Color

25.1679, 0.3614, 0.4004

Protanomaly

25.1325, 0.3666, 0.3996

Deuteranomaly

25.2777, 0.3782, 0.3889

Tritanomaly

25.0633, 0.3350, 0.3423

Monochromacy



Original Color

25.1679, 0.3614, 0.4004

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.3921, 0.3308, 0.3549

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1679, 0.3614, 0.4004 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(143, 139, 97)` looks like.

```
.text, #text, p{  
    color:rgb(143, 139, 97)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(143, 139, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 139, 97) }
```

Border

The CSS property to change the border of an element to Yxy 25.1679, 0.3614, 0.4004 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(143, 139, 97) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(143, 139, 97) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(143, 139, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 139, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 139, 97);  
box-shadow:4px 4px 4px 4px rgb(143, 139,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1679, 0.3614, 0.4004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 139, 97) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(143,  
139, 97) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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